

Isotope Cost

- Enriched Ge (87%) costs about \$90/g (\$6.8M/kmole)
- But Ge is used efficiently
 - Production losses
 - Reduction/refinement ~0% 1.7% in captured remainders
 - Trimmings recovery ~0% Actual pieces recovered
 - Etch losses (90% recov.) ~1% recent R&D result
 - Sludge (grindings in fluids, 70% rec.) ~4.5% recent R&D estimate
 - Total loss ~6%
 - Fiducial Volume 94%
- Once purified, Ge does not get contaminated.
- For Ge, to produce 1 t of enriched material requires about 13 t of natural Ge. The Ge prod. per year is about 120 t. Not a huge perturbation on world supply.